

RECEIVED
CENTRAL FAX CENTER

Application No.: 10/053396

JUN 23 2006

Case No.: 56313US009

AMENDMENTS TO THE CLAIMS:

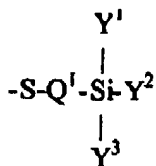
The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Canceled).

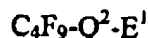
2. (Currently Amended) Method Fluorochemical composition according to claim 12 ~~+~~ wherein at least one of Y¹, Y², and Y³ and/or at least one of Y⁴, Y⁵, and Y⁶ is a hydrolyzable group selected from the group consisting of halogen, an alkoxy group, an acyloxy group, an acyl group, and an aryloxy group.

3. (Currently Amended) Method Fluorochemical composition according to claim 12 ~~+~~ wherein said monovalent organic group G corresponds to the general formula:



wherein Y¹, Y², and Y³ have the meaning as defined in claim 1 or 2, and wherein Q¹ represents an organic divalent linking group.

4. (Currently Amended) Method Fluorochemical composition according to claim 12 ~~+~~ wherein M^f comprises a unit derived from a fluorinated monomer of the formula:

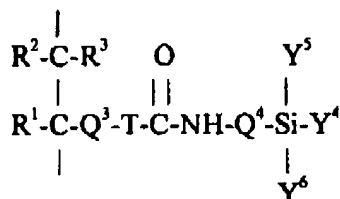


wherein E¹ represents a free radical polymerizable group and Q² represents an organic divalent linking group.

5. (Currently Amended) Method Fluorochemical composition according to claim 12 ~~+~~ wherein M^a is a unit derived corresponding to the formula:

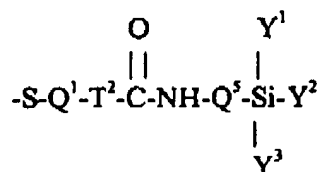
Application No.: 10/053396

Case No.: 56313US009



wherein R^1 , R^2 , and R^3 each independently represents hydrogen, an alkyl group, an aryl group or halogen, Q^3 represents an organic divalent linking group, Q^4 represents an organic divalent linking group, T represents O or NR with R being hydrogen, an aryl or a C_1 - C_4 alkyl group, and Y^4 , Y^5 , and Y^6 have the meaning as defined in claim 1.

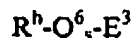
6. (Currently Amended) ~~Method Fluorochemical composition~~ according to claim 12 + wherein G corresponds to the formula:



wherein Q^1 and Q^5 each independently represents an organic divalent linking group, T^2 represents O or NR with R being hydrogen, an aryl or a C_1 - C_4 alkyl group, and Y^1 , Y^2 , and Y^3 have the meaning as defined in claim 1.

7. (Currently Amended) ~~Method Fluorochemical composition~~ according to claim 12 + wherein the composition is a homogeneous composition further comprising water and an organic or inorganic acid.

8. (Currently Amended) ~~Method Fluorochemical composition~~ according to claim 12 + wherein the units derived from non-fluorinated monomers correspond to the general formula:



wherein R^h represents a hydrocarbon group, Q^6 is a divalent linking group, s is 0 or 1, and E^3 is a free radical polymerizable group.

Application No.: 10/053396

Case No.: 56313US009

9. (Canceled).

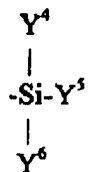
10. (Currently Amended) Method ~~of treating a substrate comprising applying to said substrate a composition according to claim 12 further comprising 1~~ and exposing a thus obtained coated substrate to water and an organic or inorganic acid.

11. (Currently Amended) Method ~~of treating a substrate~~ according to claim 12 9 further comprising the step of exposing the coated substrate to an elevated temperature of 60°C to 300°C.

12. (Currently Amended) Method ~~of treating a substrate comprising applying to said substrate a composition according to claim 9~~ wherein said substrate is selected from the group consisting of plastics, ceramics, and glass and said composition comprises a major amount of organic solvent and 0.05% by weight to 5% by weight of fluorochemical oligomer dispersed or dissolved in said organic solvent and said fluorochemical oligomer being represented by the general formula:



wherein X represents the residue of an initiator or hydrogen; M^f represents units derived from fluorinated monomers; M^h represents units derived from a non-fluorinated monomers; M^a represents units having a silyl group represented by the formula:



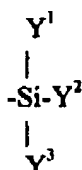
wherein each of Y⁴, Y⁵, and Y⁶ independently represents an alkyl group, an aryl group, or a hydrolyzable group; G is a monovalent organic group comprising the residue of a chain transfer

Application No.: 10/053396

Case No.: 56313US009

agent; n represents a value of 1 to 100; m represents a value of 0 to 100; r represents a value of 0 to 100; and n+m+r is at least 2;

with the proviso that at least one of the following conditions is fulfilled: (a) G is a monovalent organic group that contains a silyl group of the formula:

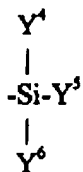


wherein Y¹, Y², and Y³ each independently represents an alkyl group, an aryl group, or a hydrolyzable group with at least one of Y¹, Y², and Y³ representing a hydrolyzable group; or (b) r is at least 1 and at least one of Y⁴, Y⁵, and Y⁶ represents a hydrolyzable group.

13. (Currently Amended) Substrate comprising a coating derivable from a the coating composition comprising a major amount of organic solvent and 0.05% by weight to 5% by weight of fluorochemical oligomer dispersed or dissolved in said organic solvent and said fluorochemical oligomer being represented by the general formula:



wherein X represents the residue of an initiator or hydrogen; M^f represents units derived from fluorinated monomers; M^h represents units derived from a non-fluorinated monomers; M^a represents units having a silyl group represented by the formula:



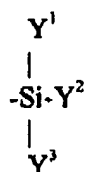
wherein each of Y⁴, Y⁵, and Y⁶ independently represents an alkyl group, an aryl group, or a hydrolyzable group; G is a monovalent organic group comprising the residue of a chain transfer

Application No.: 10/053396

Case No.: 56313US009

agent; n represents a value of 1 to 100; m represents a value of 0 to 100; r represents a value of 0 to 100; and n+m+r is at least 2;

with the proviso that at least one of the following conditions is fulfilled: (a) G is a monovalent organic group that contains a silyl group of the formula:



wherein Y¹, Y², and Y³ each independently represents an alkyl group, an aryl group, or a hydrolyzable group with at least one of Y¹, Y², and Y³ representing a hydrolyzable group; or (b) r is at least 1 and at least one of Y⁴, Y⁵, and Y⁶ represents a hydrolyzable group of claim 1
wherein the substrate is selected from the group consisting of plastics, ceramics, and glass.

14. – 17. (Cancelled)